



## UNITED STATES DEPARTMENT OF COMMERCE

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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.

EXAMINER	
ART UNIT	PAPER NUMBER
21	

DATE MAILED:

## EXAMINER INTERVIEW SUMMARY RECORD

All participants (applicant, applicant's representative, PTO personnel):

(1) Mr. White, Appl. Rep.

(3) Mr. Baird, Observer

(2) Mr. Blia, Applicant

(4) Mr. Lovell, Appl. Rep.

Date of interview 4/10/02

(5) Nick Lucchesi, Examiner

Type:  Telephonic  Personal (copy is given to  applicant  applicant's representative).Exhibit shown or demonstration conducted:  Yes  No. If yes, brief description: \_\_\_\_\_Agreement  was reached with respect to some or all of the claims in question.  was not reached.

Claims discussed: General Discussion of claims of record.

Identification of prior art discussed: Isner

Description of the general nature of what was agreed to if an agreement was reached, or any other comments: Brief discussion of

Isner, as well as discussion of declarations submitted. Examiner indicated that it appears that the declarations submitted overcome any 101 issues in the application

(A fuller description, if necessary, and a copy of the amendments, if available, which the examiner agreed would render the claims allowable must be attached. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be attached.)

Unless the paragraphs below have been checked to indicate to the contrary, A FORMAL WRITTEN RESPONSE TO THE LAST OFFICE ACTION IS NOT WAIVED AND MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW (e.g., items 1-7 on the reverse side of this form). If a response to the last Office action has already been filed, then applicant is given one month from this interview date to provide a statement of the substance of the interview.

 It is not necessary for applicant to provide a separate record of the substance of the interview. Since the examiner's interview summary above (including any attachments) reflects a complete response to each of the objections, rejections and requirements that may be present in the last Office action, and since the claims are now allowable, this completed form is considered to fulfill the response requirements of the last Office action.

Examiner's Signature

## Review of Principles of Invention

### **Growth Factor to Bud to:**

- soft tissue
- soft tissue comprising mesodermal tissue
- blood vessel

### **Structures Formed**

- capillary
- metarteriole
- arteriole
- artery
- soft tissue
- soft tissue comprising mesodermal tissue
- blood vessel

### **Organs Formed**

- metarteriole
- arteriole
- artery

## Four Different Structures

- **capillary**  
one layer:  
endothelial
- **metarteriole**  
two layers:  
endothelial  
smooth muscle
- **arteriole**  
three layers:  
endothelial  
smooth muscle  
connective tissue
- **artery**  
three double layers:  
endothelial / elastic  
smooth muscle / elastic  
collagen / elastic

## Four Different Functions

- **oxygen, nutrients, and wastes are exchanged between the blood and the tissues**
- **controls the emptying and filling of the capillaries**
- **acts to vastly alter the blood flow to the metarterioles**
- **transports blood to body tissues under high pressure**